DOCUMENT RESUME

ED 079 116 SE 016 449

TITLE	Environmental Education Projects - Fiscal Year 1973.
INSTITUTION	Office of Education (DHEW), Washington, D.C. Office of Environmental Education.
PUB DATE	Jun 73
NOTE	20p.
EDRS PRICE	MF-$0.65 HC-$3.29
DESCRIPTORS	Educational Finance; *Environmental Education; *Federal Aid; Financial Support; *Grants; *Projects; Reports; Resource Allocations

ABSTRACT

Summarized in this pamphlet are the U.S. Office of Education grants for 1973 in the field of environmental education. Fifty-four projects designed to enhance environmental literacy and promote understanding of contemporary ecological problems were awarded $1,180,125 in federal grants, ranging from $1,010 to $64,000. Funded under the Environmental Education Act of 1970 (P.L. 91-516), the projects are located in 32 states and the District of Columbia. They focus on four priority areas--resource materials development, personnel development, community education, and elementary and secondary education. Programs generally deal with junior and senior high school levels (grades 7-12) and nonformal community education groups and organizations. Included in the awards are 18 mini-grants of $10,000 or less to be used for workshops, conferences, or seminars that will assist local communities in acquiring an understanding of the causes, effects, issues, and options surrounding local environmental problems. The recipients are state and local education agencies, community colleges, colleges and universities, and private educational and environmental organizations. The compilation lists each project individually by state, giving its complete title, name of director, name of organization and address, a brief description of the project, and amount of federal support. (BL)

ED 079116

U S DEPAR
EDUCAT
NATIONA
E
THIS DOCUMEN
DUCED EXACTL
THE PERSON OR
ATING IT POIN
STATED DO NO
SENT OFFICIAL
EDUCATION PO

ENVIRONM
EDUC
PRO

FISC

U.S., DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Casper Weinberger, Secretary

Education Division
S. P. Marland, Jr., Assistant Secretary

Office of Education
John R. Ottina, Commissioner-designate

Office of Environmental Education
Walter Bogan, Director

SE 016 449

FILMED FROM BEST AVAILABLE COPY

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

ENVIRONMENTAL EDUCATION PROJECTS

FISCAL YEAR 1973

T OF HEALTH, EDUCATION, AND WELFARE
berger, Secretary

ion
nd, Jr., Assistant Secretary

tion
ina, Commissioner-designate

onmental Education
n, Director

FILMED FROM BEST AVAILABLE COPY

JUNE 1973

ENVIRONMENTAL EDUCATION PROJECTS -- FISCAL YEAR 1973

Funded Under the Environmental Education Act of 1970

(Public Law 91-516)

PROJECT CONTACT AND ADDRESS	PROJECT DESCRIPTION AND AMOUNT OF FEDE
ALABAMA	
Allan M. O'Neal, Jr. BEAR CREEK WATERSHED ENVIRONMENTAL EDUCATION PROJECT P.O. Box 880 Russellville, AL 35653 Tel: 205-332-3223	The Bear Creek Watershed Environmental Project will conduct a series of six w thirteen school systems in Alabama and on environmental education techniques MINIGRANT
ALASKA	
Marshall Lind ALASKA DEPARTMENT OF EDUCATION Pouch F State Office Building Juneau, AK 99801 Tel: 907-586-5486	The State Department of Education wil series of statewide environmental edu for teachers, students, community peo resource agency personnel to train th able process useful in solving enviro PERSONNEL DEVELOPMENT

JUNE 1973

ENVIRONMENTAL EDUCATION PROJECTS -- FISCAL YEAR 1973

Funded Under the Environmental Education Act of 1970

(Public Law 91-516)

T AND ADDRESS	PROJECT DESCRIPTION AND AMOUNT OF FEDERAL SUPPORT
'Neal, Jr. WATERSHED ENVIRONMENTAL PROJECT 80 le, AL 35653 332-3223	The Bear Creek Watershed Environmental Education Project will conduct a series of six workshops for thirteen school systems in Alabama and Mississippi on environmental education techniques and philosophy. MINIGRANT $ 6,850
Lind PARTMENT OF EDUCATION ice Building K 99801 -586-5486	The State Department of Education will hold a series of statewide environmental education workshops for teachers, students, community people, and resource agency personnel to train them in a transferable process useful in solving environmental problems. PERSONNEL DEVELOPMENT $30,000

ARKANSAS

A. W. Ford
ARKANSAS DEPARTMENT OF EDUCATION
INSTRUCTION DIVISION
Arch Ford Building, Capitol Mall
Little Rock, AR 72201

Tel: 501-371-2061

The Arkansas State Department of
take the best environmental educa
mental studies materials develope
and senior high schools and will
use in Arkansas. The project wil
by means of a series of workshops
technical assistance to participa

RESOURCE MATERIALS DEVELOPMENT

CALIFORNIA

Max K. Linn
JOHN MUIR INSTITUTE FOR
ENVIRONMENTAL STUDIES
2118 C Vine Street
Berkeley, CA 94709

Tel: 415-956-4940

The John Muir Institute will deve
evaluate self-instructional envir
materials for urban junior and se
students. The materials will fos
of problem-solving skills and eco
concepts.

RESOURCE MATERIALS DEVELOPMENT

CONNECTICUT

Lawrence M. Schaeffer
E-P EDUCATION SERVICES, INC.
625 Orange St. #38
New Haven, CT 06511

Tel: 203-787-1851

Environment-Population Education
design an environmental problems
school students.

MINIGRANT

RTMENT OF EDUCATION
VISION
ding, Capitol Mall
AR 72201

2061

The Arkansas State Department of Education will take the best environmental education and environmental studies materials developed for the junior and senior high schools and will modify these for use in Arkansas. The project will be carried out by means of a series of workshops and by providing technical assistance to participating schools.

RESOURCE MATERIALS DEVELOPMENT $38,317

ITUTE FOR
STUDIES
reet
94709

4940

The John Muir Institute will develop, test, and evaluate self-instructional environmental education materials for urban junior and senior high school students. The materials will foster the acquisition of problem-solving skills and ecological-environmental concepts.

RESOURCE MATERIALS DEVELOPMENT $25,000

haeffer
SERVICES, INC.
#38
06511

1851

Environment-Population Education Services, Inc., will design an environmental problems course for high school students.

MINIGRANT $ 6,110

DELAWARE

Arnold L. Lippert
UNIVERSITY OF DELAWARE
COLLEGE OF EDUCATION
Hall Building
Newark, DE 19711

Tel: 302-738-2147

Current population-environment stud
integrated into existing school pro
project will be carried out with th
the University of Delaware, Delawar
the Department of Public Instructio
ment of Natural Resources, and the
Conservation Association, as well a
industry, and various service organ

RESOURCE MATERIALS DEVELOPMENT

DISTRICT OF COLUMBIA

Arthur A. Davis
THE CONSERVATION FOUNDATION
1717 Massachusetts Avenue, N.W.
Washington, D. C. 20036

Tel: 202-265-8882

The Conservation Foundation with th
the Ohio State University School of
sources will develop five case stud
different format on major local env
which are also of national concern
schools environmental studies.

RESOURCE MATERIALS DEVELOPMENT

Brian D. Beun
INSTITUTIONAL DEVELOPMENT
AND ECONOMIC AFFAIRS SERVICE,
INC. (IDEAS)
Suite 101
1785 Massachusetts Avenue, N.W.
Washington, D.C.

Tel: 202-483-9045

Foxfire will develop a model enviro
content and process relating to a s
environmental problem or issue. Th
developed in one of Foxfire's areas
the educational philosophy and tech
Foxfire concept.

RESOURCE MATERIALS DEVELOPMENT

pert
DELAWARE
UCATION

9711

-2147

Current population-environment studies will be integrated into existing school programs. The project will be carried out with the support of the University of Delaware, Delaware State College, the Department of Public Instruction, the Department of Natural Resources, and the Delaware Conservation Association, as well as local business, industry, and various service organizations.

RESOURCE MATERIALS DEVELOPMENT $38,914

BIA

is
ION FOUNDATION
setts Avenue, N.W.
. C. 20036

-8882

The Conservation Foundation with the assistance of the Ohio State University School of Natural Resources will develop five case studies, each in a different format on major local environmental issues which are also of national concern for use in secondary schools environmental studies.

RESOURCE MATERIALS DEVELOPMENT $35,000

DEVELOPMENT
AFFAIRS SERVICE,

setts Avenue, N.W.
.C.

-9045

Foxfire will develop a model environmental education content and process relating to a specific regional environmental problem or issue. The model will be developed in one of Foxfire's areas and will use the educational philosophy and techniques of the Foxfire concept.

RESOURCE MATERIALS DEVELOPMENT $25,000

DISTRICT OF COLUMBIA (cont.)

Mrs. Sidney E. Sweet
LEAGUE OF WOMEN VOTERS
EDUCATION FUND
1730 M Street, N.W.
Washington, D.C. 20036

Tel: 202-296-1770 x211

The League of Women Voters will dev
education campaign in land use and
guides, leadership guides, case his
summaries on the issue of land use

RESOURCE MATERIALS DEVELOPMENT

FLORIDA

Robert M. Johnson
Social Studies Education
FLORIDA STATE UNIVERSITY
Tallahassee, FL 32301

Tel: 904-599-3860

The project will produce episodic m
in teaching American history to eig
Eight different periods of American
discussed, and the changes in the N
environment during these periods wi

RESOURCE MATERIALS DEVELOPMENT

Ray L. Williams
LEE COUNTY SCHOOLS
2266 Second Street
Fort Myers, FL 33010

Tel: 813-334-1102

Ft. Myers Lee County Schools will d
workshops and other methods environ
materials (K-12) developed under ES
other schools at State and national

RESOURCE MATERIALS DEVELOPMENT

R. F. Mines
NATIONAL ASSOCIATION FOR
ENVIRONMENTAL EDUCATION
P.O. Box 1295
5940 S.W. 73 Street
South Miami, FL 33143

Tel: 305-274-1381

The National Association for Enviro
with the assistance of the nation's
level environmental education teach
specialists, will develop a model e
environmental studies in modular fo
four through eight.

RESOURCE MATERIALS DEVELOPMENT

MBIA (cont.)

E. Sweet
MEN VOTERS
SD
E, N.W.
D.C. 20036

6-1770 x211

The League of Women Voters will devise a public education campaign in land use and prepare citizen guides, leadership guides, case histories, and summaries on the issue of land use planning.

RESOURCE MATERIALS DEVELOPMENT $19,959

nnson
es Education
E UNIVERSITY
FL 32301

9-3860

The project will produce episodic materials for use in teaching American history to eighth graders. Eight different periods of American history will be discussed, and the changes in the North American environment during these periods will be stressed.

RESOURCE MATERIALS DEVELOPMENT $21,535

ams
CHOOLS
Street
FL 33010

4-1102

Ft. Myers Lee County Schools will disseminate through workshops and other methods environmental education materials (K-12) developed under ESEA Title III to other schools at State and national levels.

RESOURCE MATERIALS DEVELOPMENT $24,683

OCIATION FOR
L EDUCATION
S
Street
FL 33143

4-1381

The National Association for Environmental Education, with the assistance of the nation's leading elementary-level environmental education teachers and curriculum specialists, will develop a model curriculum in environmental studies in modular form for grades four through eight.

RESOURCE MATERIALS DEVELOPMENT $28,200

FLORIDA (cont.)

E. L. Whigham
THE SCHOOL BOARD OF DADE COUNTY
1410 N.E. 2 Avenue
Miami, FL 33132

Tel: 305-350-3241

The School Board of Dade County, F
continue developing the Center for
and Environmental Studies. This C
in a Model Cities area and complem
and Everglades environmental studi
by Dade County.

COMMUNITY EDUCATION

HAWAII

Leonard C. Moffitt
WINDWARD REGIONAL COUNCIL
46-018 Kam Highway
Kaneohe, HA 96744

Tel: 808-235-1515

The Windward Regional Council of K
conduct a series of training works
volvement committees and community
planning groups. The workshops wi
island environmental problems.

MINIGRANT

IDAHO

Charles R. Humphries
BUHL SCHOOLS
1972 Maple Avenue
Twin Falls, ID 83301

Tel: 208-543-6122

The Buhl Schools will sponsor a s
mental education workshops with t
state and federal agencies for te
community members in order to int
education into Region 4 of southe

MINIGRANT

RD OF DADE COUNTY
venue
32

-3241

The School Board of Dade County, Florida will continue developing the Center for Urban Research and Environmental Studies. This Center is located in a Model Cities area and complements an ocean and Everglades environmental studies area operated by Dade County.

COMMUNITY EDUCATION $30,400

ffitt
ONAL COUNCIL
ghway
96744

-1515

The Windward Regional Council of Kaneohe, Hawaii, will conduct a series of training workshops for citizen-involvement committees and community environmental planning groups. The workshops will be focused around island environmental problems.

MINIGRANT $ 9,600

mphries

enue
D 83301

-6122

The Buhl Schools will sponsor a series of environmental education workshops with the assistance of state and federal agencies for teachers and community members in order to introduce environmental education into Region 4 of southern Idaho.

MINIGRANT $ 9,824

ILLINOIS

David R. Derge
BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY
Carbondale, IL 62901

Tel: 618-453-2341

Southern Illinois University will
community environmental education
ecodramas created to clarify curre
problems and values and to stimula
to find solutions to these problem
will be directed to high school st

COMMUNITY EDUCATION

Musa Qutub
ILLINOIS EARTH SCIENCE ASSOCIATION
NORTHEASTERN ILLINOIS UNIVERSITY
Bryn Mawr at St. Louis Avenue
Chicago, IL 60625

Tel: 312-583-4050

The Illinois Earth Science Associa
a series of workshops on earth sci
environmental education. The work
designed to develop learner and te
Teachers will develop the guides.

RESOURCE MATERIALS DEVELOPMENT

INDIANA

John W. Ryan
INDIANA UNIVERSITY FOUNDATION
SCHOOL OF PUBLIC AND ENVIRONMENTAL AFFAIRS
P.O. Box F
Bloomington, IN 47401

Tel: 812-337-7237

The School of Public and Environme
Indiana University will research,
and publish a collection of case s
mental issues for use at the junio
high school level.

RESOURCE MATERIALS DEVELOPMENT

ge
STEES OF SOUTHERN
VERSITY
IL 62901

3-2341

Southern Illinois University will develop a community environmental education program based on ecodramas created to clarify current ecological problems and values and to stimulate the community to find solutions to these problems. The program will be directed to high school students.

COMMUNITY EDUCATION $21,000

TH SCIENCE ASSOCIATION
ILLINOIS UNIVERSITY
St. Louis Avenue
60625

3-4050

The Illinois Earth Science Association will conduct a series of workshops on earth science oriented environmental education. The workshops will be designed to develop learner and teacher guides. Teachers will develop the guides.

RESOURCE MATERIALS DEVELOPMENT $10,000

ERSITY FOUNDATION
BLIC AND ENVIRONMENTAL

IN 47401

7-7237

The School of Public and Environmental Affairs of Indiana University will research, develop, edit, and publish a collection of case studies on environmental issues for use at the junior and senior high school level.

RESOURCE MATERIALS DEVELOPMENT $40,000

INDIANA (cont.)

Louis C. Gatto
MARIAN COLLEGE
3200 Cold Spring Road
Indianapolis, IN 46222

Tel: 317-224-3291

Marian College will complete develop
mental education materials and inser
activities for teachers and non-educ
personnel which are related to the u
ecological lab established at Marian

PERSONNEL DEVELOPMENT

IOWA

Harold Tiedje
JASPER COUNTY SOIL
CONSERVATION DISTRICT
Box 122
Newtown, IA 50208

Tel: 515-792-2389

Jasper County Soil Conservation Dist
mental Council will conduct a series
workshops to develop environmental e
for transference throughout other Io

PERSONNEL DEVELOPMENT

MARYLAND

William B. Mullins
CHESAPEAKE BAY FOUNDATION, INC.
17 State Circle
P.O. Box 1709
Annapolis, MD 21404

Tel: 301-268-8816

The Chesapeake Bay Foundation will s
of six workshops, three in Maryland,
Virginia, to inform citizens and org
their rights under the wetlands stat
Maryland and Virginia, with emphasis
significance of exercising those rig

MINIGRANT

o
E
ing Road
IN 46222

-3291

Marian College will complete development of environmental education materials and inservice training activities for teachers and non-educational personnel which are related to the use of an outdoor ecological lab established at Marian College

PERSONNEL DEVELOPMENT $15,000

SOIL
DISTRICT

50208

-2389

Jasper County Soil Conservation District and Environmental Council will conduct a series of teacher workshops to develop environmental education expertise for transference throughout other Iowa communities.

PERSONNEL DEVELOPMENT $19,983

llins
Y FOUNDATION, INC.
ie

21404

-8816

The Chesapeake Bay Foundation will sponsor a series of six workshops, three in Maryland, three in Virginia, to inform citizens and organizations of their rights under the wetlands statutes of Maryland and Virginia, with emphasis on the ecological significance of exercising those rights.

MINIGRANT $ 9,900

MICHIGAN

William E. Stapp
SCHOOL OF NATURAL RESOURCES,
UNIVERSITY OF MICHIGAN
East University
Ann Arbor, MI 48104

Tel: 313-764-1410

The School of Natural Resources
working conferences to further c
state of the art of environmenta
school will also develop an eval
and a technical assistance manua
ongoing environmental education

RESOURCE MATERIALS DEVELOPMENT

John D. Yolton
INTERNATION UNION
UNITED AUTOMOBILE, AEROSPACE, AND
AGRI-IMPLEMENT WORKERS OF AMERICA - UAW
Department of Conservation and
Resource Development
8000 E. Jefferson
Detroit, MI 48214

Tel: 313-926-5271

The United Auto Workers will int
mental education training course
leadership and their families.
based on existing materials and
community environmental problems

PERSONNEL DEVELOPMENT

MINNESOTA

M. H. Baker
MINNESOTA ACADEMY OF SCIENCE
3100 38th Avenue South
Minneapolis, MN 55406

Tel: 612-721-3391

The Minnesota Academy of Science
day conference and samll-group w
cross-section of individuals rep
education, government, and citiz
industry and education conferenc
impact will explore the various
of Minnesota and suggest ways th
and education can improve the qu

PERSONNEL DEVELOPMENT

tapp
TURAL RESOURCES,
F MICHIGAN
ity
I 48104

4-1410

The School of Natural Resources will organize two working conferences to further conceptualize the state of the art of environmental education. The school will also develop an evaluation instrument and a technical assistance manual for evaluating ongoing environmental education programs.

RESOURCE MATERIALS DEVELOPMENT $45,000

on
UNION
OBILE, AEROSPACE, AND
NT WORKERS OF AMERICA - UAW
f Conservation and
elopment
erson
48214

6-5271

The United Auto Workers will introduce an environmental education training course for its local leadership and their families. The course will be based on existing materials and will focus on community environmental problems.

PERSONNEL DEVELOPMENT $24,771

ADEMY OF SCIENCE
enue South
MN 55406

1-3391

The Minnesota Academy of Science will conduct a three-day conference and samll-group workshop for a broad cross-section of individuals representing business, education, government, and citizen groups. This industry and education conference on environmental impact will explore the various enviornmental problems of Minnesota and suggest ways that industry, government and education can improve the quality of life.

PERSONNEL DEVELOPMENT $ 9,800

MISSOURI

Michael Sheldrick
CENTER FOR THE BIOLOGY
OF NATURAL SYSTEMS
Washington University
St. Louis, MO 63130

Tel: 314-863-0100 x4959

The Center for the Biology of Natur
cooperation with KWMU National Publ
station, will produce a series of w
features on environmental problems
will prepare related curricular mat
in grades six through ten.

COMMUNITY EDUCATION

Penelope H. Royse
COMMITTEE FOR ENVIRONMENTAL
INFORMATION
438 North Skinker Boulevard
St. Louis, MO 63130

Tel: 314-863-6560

The Committee for Environmental Inf
produce, test, and evaluate curricu
environmental problems for use in l
The units will be based on material
Environment magazine.

RESOURCE MATERIALS DEVELOPMENT

Ruth Wisdom
GIRL SCOUTS OF THE U.S.A.
Region V National Branch Office
1102 Grand, Suite 1321
Kansas City, MO 64106

Tel: 816-421-0915

The Girl Scouts of America, Region
Office, will conduct nine environme
workshops for Girl Scout council st
volunteers, and persons from non-Sc
and the community.

MINIGRANT

ick
BIOLOGY
TEMS
versity
63130

0100 x4959

The Center for the Biology of Natural Systems, in cooperation with KWMU National Public Radio station, will produce a series of weekly radio features on environmental problems and issues, and will prepare related curricular materials for use in grades six through ten.

COMMUNITY EDUCATION $ 9,996

yse
ENVIRONMENTAL

ker Boulevard
63130

6560

The Committee for Environmental Information wil produce, test, and evaluate curriculum units on environmental problems for use in local high schools. The units will be based on material appearing in Environment magazine.

RESOURCE MATERIALS DEVELOPMENT $22,500

THE U.S.A.
nal Branch Office
ite 1321
O 64106

0915

The Girl Scouts of America, Region 5, National Branch Office, will conduct nine environmental education workshops for Girl Scout council staff members, volunteers, and persons from non-Scout agencies and the community.

MINIGRANT $10,000

MONTANA

Francis O. Mitchell
FALLS CREEK ENVIRONMENTAL EDUCATION
FOUNDATION, INC.
127 E. Main
Missoula, MT 59801

Tel: 406-549-1493

The Falls Creek Environmental Foun
series of training workshops in or
the teachers to a variety of envir
techniques.

MINIGRANT

NEW HAMPSHIRE

Rev. Brendan P. Donnelly
ST. ANSELM'S COLLEGE
Manchester, NH 03102

Tel: 603-669-1030 x216

St. Anselm's College and Mancheste
will engage in an environmental st
for the Manchester watershed by tr
student-teacher teams to monitor t
biologically and chemically by giv
assistance to other near-by waters

ELEMENTARY AND SECONDARY EDUCATION

NEW JERSEY

Alden G. Barber
BOY SCOUTS OF AMERICA
CONSERVATION
North Brunswick, NJ 08902

Tel: 201-249-6000 x221

The Boy Scouts of America will dev
Workshop, a model program that wil
potential of being replicated by S
the country.

RESOURCE MATERIALS DEVELOPMENT

hell
HRONMENTAL EDUCATION

9801

493

The Falls Creek Environmental Foundation will hold a series of training workshops in order to introduce the teachers to a variety of environmental education techniques.

MINIGRANT $ 7,828

Donnelly
LLEGE
03102

030 x216

St. Anselm's College and Manchester Public Schools will engage in an environmental studies program for the Manchester watershed by training additional student-teacher teams to monitor the watershed both biologically and chemically by giving technical assistance to other near-by watersheds.

ELEMENTARY AND SECONDARY EDUCATION $33,500

MERICA

, NJ 08902

000 x221

The Boy Scouts of America will develop the Ecology Workshop, a model program that will have the potential of being replicated by Scouts across the country.

RESOURCE MATERIALS DEVELOPMENT $ 9,875

NEW JERSEY (cont.)

John A. Cole
SCHOOL OF EDUCATION
SETON HALL UNIVERSITY
400 South Orange Avenue
South Orange, NJ 07079

Tel: 201-762-9000 x219

Seton Hall University will continue
pilot project and demonstration mode
introduction of environmental educat
service teacher-training situation.

PERSONNEL DEVELOPMENT

NEW MEXICO

Bernice Cojo
RAMAH NAVAJO SCHOOL BOARD
Ramah Navajo High School
Box 248
Ramah, NM 83321

Tel: 505-783-5801

The Ramah Navajo School Board will c
ment of environmental study material
traditional Indian views of the envi
relation of these views to technolog
and the environmental problems pecul
Navajos.

RESOURCE MATERIALS DEVELOPMENT

NEW YORK

Arlene Weltman
FRIENDS OF CAN
30 East 68th Street
New York, NY 10021

Tel: 212-628-2295

A thirty-hour multidisciplinary envi
education curriculum will be develop
fifth, and sixth grade use. Discipl
include the sciences, math, English,
studies. The primary environmental
will be solid waste disposal.

CURRICULUM DEVELOPMENT

Seton Hall University will continue to develop a pilot project and demonstration model for the introduction of environmental education in a pre-service teacher-training situation.

PERSONNEL DEVELOPMENT $27,100

The Ramah Navajo School Board will continue development of environmental study materials based on traditional Indian views of the environment, the relation of these views to technological progress, and the environmental problems peculiar to the Navajos.

RESOURCE MATERIALS DEVELOPMENT $27,880

A thirty-hour multidisciplinary environmental education curriculum will be developed for fourth, fifth, and sixth grade use. Disciplines involved include the sciences, math, English, art, and social studies. The primary environmental problem focus will be solid waste disposal.

CURRICULUM DEVELOPMENT $14,850

NEW YORK (cont.)

Mrs. David C. Donaldson
FEDERATED CONSERVATIONISTS
OF WESTCHESTER COUNTY, INC.
Box 1306, Marymount College
Tarrytown, NY 10591

Tel: 914-631-8336

The Federated Conservationists of Westchester County, New York will conduct a series of courses, workshops, symposia, and conferences for community decision makers and leaders. The activities will stress the environmental problems of Westchester County.

MINIGRANT • $10,000

Charles R. Hoff
THE NICHOLS SCHOOL
Nottingham Water Analysis Workshops
175 Nottingham Terrace
Buffalo, NY 14216

Tel: 716-875-8212

The Nottingham (private) School of Buffalo, New York will conduct a workshop for public and private high school students on the problems of water pollution and water analysis. Water analysis skills will be taught at the workshop.

MINIGRANT $ 8,331

OHIO

John Parsons
TOLEDO PUBLIC SCHOOLS
Manhattan and Elm Sts.
Toledo, OH 43608

Tel: 419-729-5111

This project will produce an expand
of teacher training activities and
in setting up environmental educati
individual classrooms. This will b
special technical assistance from u
related national projects, and the
Education.

PERSONNEL DEVELOPMENT

Joseph H. Chadbourne, Jr.
INSTITUTE FOR ENVIRONMENTAL
EDUCATION
8911 Euclid Avenue
Cleveland, OH 44106

Tel: 216-231-5010

The Institute for Environmental Educ
the expansion of the Cuyahoga Water
Cuyahoga Heritage by expanding the
disseminating the model nationally
shed and heritage groups.

PERSONNEL DEVELOPMENT

HOOLS
n Sts.
08

11

This project will produce an expanding city-wide network of teacher training activities and follow-up assistance in setting up environmental education programs within individual classrooms. This will be made possible by special technical assistance from universities, other related national projects, and the Office of Environmental Education.

PERSONNEL DEVELOPMENT $23,069

urne, Jr.
VIRONMENTAL

ue
34106

10

The Institute for Environmental Education will facilitate the expansion of the Cuyahoga Watershed Project into Cuyahoga Heritage by expanding the project locally and disseminating the model nationally through other watershed and heritage groups.

PERSONNEL DEVELOPMENT $64,000

OKLAHOMA

Gary McNaught
UNITED STATES JAYCEES
FOUNDATION
Box 7
Tulsa, OK 74102

Tel: 918-584-2481

The U. S. Jaycees will expand Pro
community-based environmental imp
by extending its program to secon
colleges, and universities.

COMMUNITY EDUCATION

OREGON

Joseph Blumel
ENVIRONMENTAL EDUCATION CENTER
SCHOOL OF EDUCATION
PORTLAND STATE UNIVERSITY
373 Lincoln Hall
Portland, OR 97207

Tel: 503-229-3422

Workshops using nationally tested
educational materials and process
for high school teachers. The pa
drawn from the entire Portland ci
School administrators and communi
also be included in the workshops

PERSONNEL DEVELOPMENT

Charles A. Clemans
PORTLAND PUBLIC SCHOOLS
PRESCRIPTIVE EDUCATION PROGRAM
7753 S. E. Raymond Street
Portland, OR 97206

Tel: 503-777-1760

The CATCH program--the developmen
study area by and for students, a
as teachers--will continue to sup
study area by elementary students
transfer its knowhow to the devel
environmental study areas in the

ELEMENTARY AND SECONDARY EDUCATIO

YCEES

The U. S. Jaycees will expand Project ECO, a community-based environmental improvement project, by extending its program to secondary schools, colleges, and universities.

COMMUNITY EDUCATION $21,500

81

UCATION CENTER
ION
NIVERSITY
207

22

Workshops using nationally tested environmental educational materials and processes will be held for high school teachers. The participants will be drawn from the entire Portland city schools complex. School administrators and community groups will also be included in the workshops.

PERSONNEL DEVELOPMENT $40,000

ns
SCHOOLS
CATION PROGRAM
nd Street
206

60

The CATCH program--the development of an environmental study area by and for students, also using students as teachers--will continue to support the use of the study area by elementary students, and will begin to transfer its knowhow to the development of other environmental study areas in the region.

ELEMENTARY AND SECONDARY EDUCATION $ 9,165

PENNSYLVANIA

Paul Solyan
UNIVERSITY OF PITTSBURGH
Pittsburgh, PA 15213

Tel: 412-621-3500 X7303

The Department of Physics, Universit
develop a self-study course on energ
school teachers and community leader
held to develop and disseminate this

RESOURCE MATERIALS DEVELOPMENT

Sandra Raymond
LUZERNE-LACKAWANNA
ENVIRONMENTAL COUNCIL
415 North Washington Avenue
Scranton, PA 18503

Tel: 717-961-2033

Luzerne-Lackawanna Environmental Cou
Broadcasting Center for northeastern
nonformal educational agencies, will
of environmental education to bear u
tional establishment and the communi
tested environmental education mater

COMMUNITY EDUCATION

Carole M. Baldino
NE PENNSYLVANIA EDUCATIONAL
TELEVISION ASSOCIATION
THE PUBLIC BROADCASTING CENTER
Old Boston Road, Jenkins Twp.
Pittston, PA 18640

WVIA-TV, Channel 44, in cooperation
Environmental Council, will develop
demonstration project illustrating h
tional institutions and groups can f
of environmental education concepts
secondary, and college educational s
further develop the Hazelton environ

PERSONNEL DEVELOPMENT

The Department of Physics, University of Pittsburgh, will develop a self-study course on energy and society for high school teachers and community leaders. Workshops will be held to develop and disseminate this material.

RESOURCE MATERIALS DEVELOPMENT $32,085

Luzerne-Lackawanna Environmental Council and the Public Broadcasting Center for northeastern Pennsylvania, both nonformal educational agencies, will bring the process of environmental education to bear upon the formal educational establishment and the community at large through tested environmental education materials.

COMMUNITY EDUCATION $50,000

WVIA-TV, Channel 44, in cooperation with Luzerne-Lackawanna Environmental Council, will develop a joint national demonstration project illustrating how nonformal educational institutions and groups can facilitate the introduction of environmental education concepts into the elementary secondary, and college educational systems. WVIA-TV will further develop the Hazelton environmental community model.

PERSONNEL DEVELOPMENT $49,000

RHODE ISLAND

Red French
RHODE ISLAND DEPARTMENT
OF EDUCATION
State Offices
Providence, RI 02903

Tel: 401-277-2821

The Rhode Island Department of Educa
series of workshops to train trainin
will go to the public school system
ject know as Narragansett Bay Herita
data-gathering network aimed at impr
mental quality of Narragansett Bay.

MINIGRANT

TEXAS

Abner V. McCall
TEXAS SYSTEM OF NATURAL LABORATORIES, INC.
P. O. Box 7141
Austin, TX 78704

Tel: 817-755-1611

The Texas System of Natural Laborato
assistance of Baylor University, wil
of workshops for teachers and commun
the impact of Waco Town Lack on the
including a survey of various envir
involved.

MINIGRANT

ARTMENT

02903

21

The Rhode Island Department of Education will sponsor a series of workshops to train training teams. These teams will go to the public school system and carry out a project know as Narragansett Bay Heritage, a monitoring and data-gathering network aimed at improving the environmental quality of Narragansett Bay.

MINIGRANT $8,996

NATURAL LABORATORIES, INC.

04

11

The Texas System of Natural Laboratories, Inc., with the assistance of Baylor University, will conduct a series of workshops for teachers and community members to study the impact of Waco Town Lack on the Brazos River ecosystem, including a survey of various environmental indicators involved.

MINIGRANT $9,980

VERMONT

William H. Schmidt
WINDHAM REGIONAL PLANNING
AND DEVELOPMENT COMMISSION
139 Main Street
Brattlesboro, VT 05301

Tel: 803-254-8188

The Windham Regional Planning and
Commission in Brattleboro, Vermont
a community education program base
environmental problems created by
and development.

MINIGRANT

VIRGINIA

Patricia Trollinger
WASHINGTON COUNTY
ENVIRONMENTAL COUNCIL
P.O. Box 95
Emory, VA 24327

Tel: 703-944-3114

The Washington County Environmenta
Emory, Virginia, will conduct a se
each focusing on a different aspec
An overview will be provided showi
community aspects fit into the com

MINIGRANT

WASHINGTON

Kenneth A. Hammond
CENTRAL WASHINGTON STATE COLLEGE
ENVIRONMENTAL STUDIES DIVISION
Ellensburg, WA 98926

Tel: 509-963-3101

Central Washington State College a
mental Learning Center will conduc
training workshops for teachers an
Workshops for resource persons fro
will also be conducted, and will f
philosophy, materials, and methodo
successful environmental education

PERSONNEL DEVELOPMENT

chmidt
ONAL PLANNING
ENT COMMISSION
eet
, VT 05301

4-8188

The Windham Regional Planning and Development Commission in Brattleboro, Vermont, will initiate a community education program based around the environmental problems created by unplanned growth and development.

MINIGRANT $ 2,600

llinger
OUNTY
L COUNCIL

327

-3114

The Washington County Environmental Council, Emory, Virginia, will conduct a series of workshops, each focusing on a different aspect of the community. An overview will be provided showing how all the community aspects fit into the community ecosystem.

MINIGRANT $ 1,010

mmond
NGTON STATE COLLEGE
L STUDIES DIVISION
VA 98926

-3101

Central Washington State College and CISPUS Environmental Learning Center will conduct a series of training workshops for teachers and administrators. Workshops for resource persons from various agencies will also be conducted, and will focus on the philosophy, materials, and methodologies of successful environmental education programs.

PERSONNEL DEVELOPMENT $28,000

WASHINGTON (contd)

Mike Ruby
ZERO POPULATION GROWTH -
SEATTLE CHAPTER
4226 Burke Avenue N.
Seattle, WA 98103

Tel: 206-583-2070

The Seattle Chapter of Zero Popul
hold a series of workshops on pop
its relationship to the environme
mental problems.

MINIGRANT

WISCONSIN

Robert E. Matteson
SIGURD OLSON INSTITUTE OF
ENVIRONMENTAL STUDIES
NORTHLAND COLLEGE
Ashland, WI 54806

Tel: 715-682-4531 x292

A community education program foc
mental implications of land use p
Wisconsin will be developed by th
Environmental Studies Institute o

COMMUNITY EDUCATION

Orland E. Rudke
UNIVERSITY OF WISCONSIN
Stevens Point, WI 54481

Tel: 715-346-3717

The College of Natural Resources,
Wisconsin, will sponsor a series
central Wisconsin (Sand County) l
session will be taped and broadca
educational radio station.

MINIGRANT

ON GROWTH -
ER
enue N.
98103

2070

The Seattle Chapter of Zero Population Growth will hold a series of workshops on population growth and its relationship to the environment and environmental problems.

MINIGRANT $ 7,515

eson
NSTITUTE OF
STUDIES
EGE
54806

4531 x292

A community education program focusing on environmental implications of land use planning in rural Wisconsin will be developed by the Sigurd Olson Environmental Studies Institute of Ashland College.

COMMUNITY EDUCATION $17,240

e
WISCONSIN
WI 54481

3717

The College of Natural Resources, University of Wisconsin, will sponsor a series of seminars on central Wisconsin (Sand County) land uses. Each session will be taped and broadcast over the state educational radio station.

MINIGRANT $ 4,758

WISCONSIN (cont.)

Robert W. Erickson
UNIVERSITY OF WISCONSIN
GREEN BAY
College of Environmental
Sciences
Green Bay, WI 54302

Tel: 680-262-3822

The University of Wisconsin at Gre
develop an environmental education
on a community environmental probl
River Watershed) a laboratory for
a universal community model.

COMMUNITY EDUCATION

WYOMING

Maurice F. Griffith
NATRONA COUNTY SCHOOL
DISTRICT ONE
8th and Elm Street
Casper, WY 82601

Tel: 307-237-9571 X28

Eleventh and twelfth grade student
environmental implications of an e
plant with the cooperation of Paci
Light Company. The project is spo
Walsh High School.

PERSONNEL DEVELOPMENT

IOWA*

Mike Crawford
KIRKWOOD COMMUNITY COLLEGE
Cedar Rapids, IA 52406

Tel: 319-398-5503

In cooperation with the Universit
California, Kirkwood Community Col
development of a curriculum for a
environmental area of integrated p
curriculum will span from junior h
with stress on environmental studi
substantive area of integrated pes

*Contract

*This contract is the result of a Request for Proposal which was published in Comme

son
ISCONSIN

ronmental

54302

822

The University of Wisconsin at Green Bay will develop an environmental education model centering on a community environmental problem (Kewaunee River Watershed) a laboratory for demonstrating a universal community model.

COMMUNITY EDUCATION $25,572

fith
SCHOOL

eet
01

71 X28

Eleventh and twelfth grade students are studying the environmental implications of an electric power plant with the cooperation of Pacific Power and Light Company. The project is sponsored by Kelly Walsh High School.

PERSONNEL DEVELOPMENT $ 9,996

ITY COLLEGE
A 52406

503

In cooperation with the University of California, Kirkwood Community College will complete development of a curriculum for a new career in the environmental area of integrated pest control. The curriculum will span from junior high through college with stress on environmental studies as well as the substantive area of integrated pest control.

*Contract $48,843

s the result of a Request for Proposal which was published in Commerce Business Daily, Jan.24'73